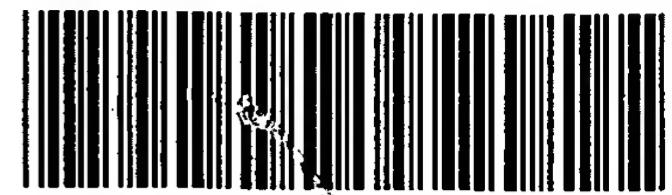


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1213

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10



OIPE

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002
TIME: 14:09:20

Input Set : A:\Sequence listing
Output Set: N:\CRF4\12232002\J002750.raw

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002
TIME: 14:09:20

Input Set : A:\Sequence listing
Output Set: N:\CRF4\12232002\J002750.raw

65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo
70 ExSalPacF
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: (1)..(47)
76 <400> SEQUENCE: 4
77 tcgatggcaa acagcttatta tgggtattat gggttcgaat taattaa 47
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 47
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo
87 ExSalPacR
89 <220> FEATURE:
90 <221> NAME/KEY: misc_feature
91 <222> LOCATION: (1)..(47)
93 <400> SEQUENCE: 5
94 tcgattaatt aattcgaacc cataataccc ataatacgctg tttgcca 47
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 42
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
104 PCLIPMSF
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <222> LOCATION: (1)..(42)
110 <400> SEQUENCE: 6
111 ccccaattgg tcgaccatca tcaataatat accttatttt gg 42
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 22
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
121 pCLIPBSRG
123 <220> FEATURE:
124 <221> NAME/KEY: misc_feature
125 <222> LOCATION: (1)..(22)
127 <400> SEQUENCE: 7
128 gcgaaaattg tcacttcctg tg 22
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 37
133 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002
TIME: 14:09:20

Input Set : A:\Sequence listing
Output Set: N:\CRF4\12232002\J002750.raw

134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo
138 Ecolinker+
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (1)..(37)
144 <400> SEQUENCE: 8
145 aattcggcgcc ggcgtcgacg atatcgatag cggccgc 37
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 37
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo
155 Ecolinker-
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (1)..(37)
161 <400> SEQUENCE: 9
162 aattgcggcc gctatcgata tcgtcgacgg cgcgccg 37
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 49
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence:
172 oligonucleotide HindXba+
174 <220> FEATURE:
175 <221> NAME/KEY: misc_feature
176 <222> LOCATION: (1)..(49)
178 <400> SEQUENCE: 10
179 agctctagag gatccgttaa cgcttagcgaa ttcaccggta ccaagctta 49
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 49
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence:
189 oligonucleotide HindXba-
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (1)..(49)
195 <400> SEQUENCE: 11
196 ctatgtttt tggtaaccggta gaattcgcta gcgttaacgg atcctctag 49
199 <210> SEQ ID NO: 12
200 <211> LENGTH: 44
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002
TIME: 14:09:20

Input Set : A:\Sequence listing
Output Set: N:\CRF4\12232002\J002750.raw

204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 35F1
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: (1)..(44)
211 <400> SEQUENCE: 12
212 cggaattctt aatataatcga catcatcaat aatataacctt atag 44
215 <210> SEQ ID NO: 13
216 <211> LENGTH: 33
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 35R2
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (1)..(33)
227 <400> SEQUENCE: 13
228 ggtggtccta ggctgacacc tacgtaaaaa cag 33
231 <210> SEQ ID NO: 14
232 <211> LENGTH: 30
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 335F3
239 <220> FEATURE:
240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (1)..(30)
243 <400> SEQUENCE: 14
244 tggggagat ctggtgagta ttgggaaaac 30
247 <210> SEQ ID NO: 15
248 <211> LENGTH: 37
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 435R4
255 <220> FEATURE:
256 <221> NAME/KEY: misc_feature
257 <222> LOCATION: (1)..(37)
259 <400> SEQUENCE: 15
260 cggaattctt aatataaggga aatgcaaatc tgtgagg 37
263 <210> SEQ ID NO: 16
264 <211> LENGTH: 34
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 535F5
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <222> LOCATION: (1)..(34)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002
TIME: 14:09:20

Input Set : A:\Sequence listing
Output Set: N:\CRF4\12232002\J002750.raw

275 <400> SEQUENCE: 16
276 cggaattcgc ggccgcggtg agtattggaa aaac 34
279 <210> SEQ ID NO: 17
280 <211> LENGTH: 22
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 635R6
287 <220> FEATURE:
288 <221> NAME/KEY: misc_feature
289 <222> LOCATION: (1)..(22)
291 <400> SEQUENCE: 17
292 cgccagatcg tctacagaac ag 22
295 <210> SEQ ID NO: 18
296 <211> LENGTH: 23
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 735F7
303 <220> FEATURE:
304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (1)..(23)
307 <400> SEQUENCE: 18
308 gaatgctggc ttcatgttta atc 23
311 <210> SEQ ID NO: 19
312 <211> LENGTH: 42
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 835R8
319 <220> FEATURE:
320 <221> NAME/KEY: misc_feature
321 <222> LOCATION: (1)..(42)
323 <400> SEQUENCE: 19
324 cggaattcgc ggccgcattt aaatcatcat caataatata cc 42
327 <210> SEQ ID NO: 20
328 <211> LENGTH: 33
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Description of Artificial Sequence: primer 135F11
335 <220> FEATURE:
336 <221> NAME/KEY: misc_feature
337 <222> LOCATION: (1)..(33)
339 <400> SEQUENCE: 20
340 ggggtaccga attctcgcta gggtatttat acc 33
343 <210> SEQ ID NO: 21
344 <211> LENGTH: 38
345 <212> TYPE: DNA

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/002,750

DATE: 12/23/2002

TIME: 14:09:21

Input Set : A:\Sequence listing

Output Set: N:\CRF4\12232002\J002750.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date